

Datasheet for KOA0801**Mouse MADCAM-1 ELISA Kit****Overview**

Description:	Mouse MADCAM-1 AccuSignal ELISA Kit - KOA0801
Item No.:	KOA0801
Size:	1 Kit
Applications:	ELISA
Reactivity:	Mouse
Range:	125 pg/ml - 8000 pg/ml

Product Details

Background:	MADCAM1(Mucosal Vascular Addressin Cell Adhesion Molecule 1), also known as MACAM1, is a protein that is encoded by the MADCAM1 gene. By PCR-based analysis of somatic cell hybrids, Leung et al(1997) mapped the MACAM1 gene to chromosome 19. The protein encoded by this gene is an endothelial cell adhesion molecule that interacts preferentially with the leukocyte beta7 integrin LPAM-1(alpha4 / beta7), L-selectin, and VLA-4(alpha4/beta1) on myeloid cells to direct leukocytes into mucosal and inflamed tissues. It is a member of the immunoglobulin superfamily and is similar to ICAM-1 and VCAM-1.
Synonyms:	Addressin mucosal, hMAdCAM 1, hMAdCAM-1, MACAM1, MADCA_HUMAN, MAdCAM 1, MAdCAM-1, Madcam1, Mucosal addressin cell adhesion molecule 1, Mucosal vascular addressin cell adhesion molecule 1
Detection Kit Type:	ELISA Kit
Detection Range:	125 pg/ml - 8000 pg/ml
Sensitivity:	<10 pg/ml

Target Details

Gene Name:	MADCAM1
Reactivity:	Mouse
Immunogen:	Expression system for standard: NSO; Immunogen sequence: Q22-T365
Purity/Specificity:	Natural and recombinant mouse MADCAM-1. There is no detectable cross-reactivity with other relevant proteins.

Relevant Links:	• UniProtKB - Q61826 • NCBI - NP_038619.2 • GeneID - 17123 • KOA0801 Protocol
------------------------	---

Application Details

Tested Applications:	ELISA
Application Note:	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 8000pg/ml, 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml mouse MADCAM-1 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates or serum to each empty well. It is recommended that each mouse MADCAM-1 standard solution and each sample be measured in duplicate.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

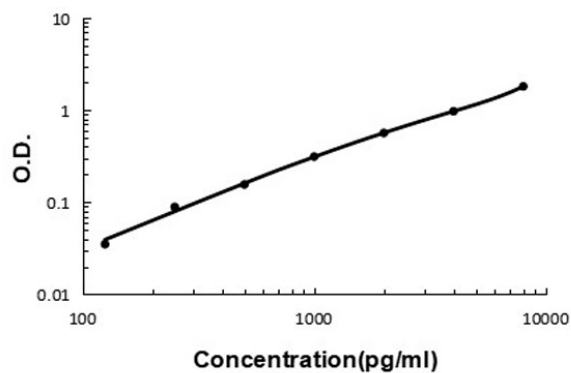
Formulation

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Expiration:	See kit insert for complete instructions.

Images

Mouse MADCAM-1 ELISA Kit



ELISA

Mouse MADCAM-1 ELISA Kit standard curve.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.